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Ampthill Rural District Council



# ANNUAL REPORT

*for the*

YEAR 1941

*of the*

*Medical Officer of Health*

*and*

*Sanitary Inspector*





# Amphill Rural District Council

MR. CHAIRMAN AND GENTLEMEN,

I have the honour of laying before you my Annual Report on the Public Health and Sanitary conditions prevailing in your District for the year ending December 31st, 1941.

This Report is drawn up in accordance with the Ministry of Health's circular 1961, dated 16th February, 1940.

## Section A. STATISTICS OF THE AREA.

Area in Acres	—	—	—	—	—	62,553
Population—Census for 1941 (estimated mid-year)	—	—	—	—	—	23,350
Census for 1931	—	—	—	—	—	17,483
Number of Inhabited Houses, end of 1940	—	—	—	—	—	6,190
Rateable Value	—	—	—	—	—	£93,166
Sum represented by a Penny Rate	—	—	—	—	—	£398

## SOCIAL CONDITIONS OF THE AREA.

The occupations of the inhabitants consist of farming, market gardening, and factory work. The villages of Woburn, Aspley Guise, Aspley Heath and Flitwick are residential districts.

A large number of persons work in the factories at Luton, and the brickyards at Stewartby and Marston Valley find employment for many of the occupiers of adjacent villages which lie on the northern boundary of your district.

## EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

		Total	Males	Females	
Live Births	{ Legitimate	294	155	139	{ Birth rate 13·5 per 1000 of resident population.
	{ Illegitimate	23	10	13	
Still Births	{ Legitimate	17	11	6	{ Birth rate 53·7 per 1000 Births live and still).
	{ Illegitimate	1	1	0	
Deaths	— —	261	118	143	{ Death rate 11·1 per 1000 of resident population.

Birth rate for England and Wales is 14·2

Death rate for England and Wales is 12·9

## DEATHS FROM PUERPERAL CAUSES.

(Headings 29 & 30 of the Registrar-General's Short List).

Two deaths.

No. 29.	Puerperal Sepsis	—	1	—	—	—	Rate 2·9 per 1000 (live & still) births
No. 30.	Other Puerperal causes		1	—	—	—	Rate 2·9 per 1000 (live & still) births

## MATERNAL MORTALITY RATE FOR ENGLAND &amp; WALES.

Puerperal Sepsis	—	·48	per 1000 live and still births.
Others	—	1·75	" " " " " "
Total	..	2·23.	

## Death Rate of Infants under one year of age :—

All Infants per 1000 live births	..	..	..	..	..	80·2
Legitimate Infants per 1000 legitimate live births	..	..	..	..	..	43·6
Illegitimate " " illegitimate " " " " " "	..	..	..	..	..	115·3
Deaths from Cancer (all ages)	—	—	—	—	—	52
" " Measles (all ages)	—	—	—	—	—	0
" " Whooping Cough (all ages)	—	—	—	—	—	2
" " Diarrhoea (under 2 years)	—	—	—	—	—	2
" " Scarlet Fever	—	—	—	—	—	0
" " Diphtheria	—	—	—	—	—	0

## DEATHS FROM ALL CAUSES.

	M.	F.
Typhoid and Paratyphoid Fever	0	0
Cerebro-Spinal Fever	0	0
Scarlet Fever	0	0
Whooping Cough	1	1
Diphtheria	0	0
Tuberculosis of Respiratory System	4	5
Other forms of Tuberculosis	1	3
Syphilitic Diseases	1	0
Influenza	3	0
Measles	0	0
Acute Polio-myelitis and Polio-encephalitis	0	0
Acute infectious encephalitis	0	0
Cancer of b : cavity and Oesophagus (M) Uterus (F)	3	4
Cancer of Stomach and Duodenum	5	2
Cancer of Breast	1	9
Cancer of all other sites	15	13
Diabetes	1	3
Intra-cranial Vascular lesions	7	17
Heart Disease	22	30
Other Diseases of Circulatory System	3	8
Bronchitis	8	10
Pneumonia	4	7
Other Respiratory Diseases	2	1
Ulceration of Stomach and Duodenum	2	2
Diarrhoea (under 2 years)	2	0
Appendicitis	1	1
Other Digestive Diseases	2	1
Nephritis	4	2
Puerperal and post-abortion Sepsis	0	1
Other Maternal Causes	0	1
Premature Birth	4	0
Congenital Malformations, Birth injuries and infantile Diseases	5	2
Suicide	1	0
Road Traffic Accidents	3	1
Other Violent Causes	3	2
All other Causes	10	17
All Causes	118	143

## Section B.

*General Provision of Health Services for the Area.*

## (i)—PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY:—

1. *Medical Superintendent* of the Isolation Hospital at Steppingley—DR. VAN LANGENBERG, M.R.C.S. Eng., L.R.C.P. London (Part-time Officer).
2. *Medical Officer of Health*—DR. W. K. PARBURY, M.R.C.S. Eng., L.R.C.P. Lond., D.M.R.E. Cambs., D.P.H. Cambs. (part time to your Authority, but devotes whole time to duties of Medical Officer of Health).
3. *Sanitary Inspector*—MR. T. A. HAWTIN, M.S.I.A., A.R.S.I. (whole time).
4. *Surveyor*—MR. C. A. LEWIS, A.M. Inst. M. & Cy. E., M.R. SAN. I.
5. *Matron* of the Isolation Hospital at Steppingley—MISS E. DAY, S.R.N.

## (ii) (a)—LABORATORY FACILITIES.

Pathological specimens are examined by Dr. Rutherford Tree, of the Bedford County Hospital.

This year he has examined:—Diphtheria Swabs, 113.

## (b)—AMBULANCE FACILITIES—

## (a) For INFECTIOUS CASES.

A motor Ambulance is kept at the Steppingley Isolation Hospital.

## (b) For NON-INFECTIOUS AND ACCIDENT CASES.

A Public Ambulance is kept at the Bedford Fire Station and is available for your District. The Station can be communicated with by telephone. The 'phone number is 2222. Another Ambulance is kept at the Luton Police Station—'phone number is 2210. A third Ambulance under the control of the British Red Cross is kept at Dunstable, 'phone number 42.

Judging from the experience of previous years, the present arrangements appear to be quite adequate for the needs of the district. In the event of an extra Ambulance being required in an emergency, there is an understanding with neighbouring Authorities that their Ambulances would be available.

## c)—PROFESSIONAL NURSING IN THE HOME.

GENERAL.—The Bedfordshire Nursing Association supplies 12 Nurses to 18 Parishes in your District. These Nurses attend Maternity cases and minor Medical and Surgical cases. They are not allowed to attend any infectious disease. The local Association for each area employing a Nurse, supervises her work and provides her salary, which is raised by voluntary subscriptions and small fees by non-members of the local Association.

The following villages are supplied with Nurses :—

Aspley Guise	—	Nurse Davies	Shillington	—	Nurse McEnroe
Husborne Crawley		„ „	Marston Moretaine		„ Alcock
Aspley Heath	—	„ Faulkner	Millbrook	—	„ Jarman
Cranfield	—	„ Minnis			„ Chceseman
Silsoe	—	„ Little	Maulden	—	„ Houghton
Flitton	—	„ „	Tingrith	—	„ Maxwell
Flitwick	—	„ Kendal, S.R.N.	Woburn, Eversholt,		
Steppingley	—	„ „	Ridgmont and		
Gravenhurst	—	„ McEnroe	Milton Bryan	—	„ Young

INFECTIOUS DISEASES.—There is an Isolation Hospital at Steppingley which takes in cases of Infectious disease. Your Authority does not provide nursing in the home for these cases.

#### MIDWIVES.

There are 13 Midwives who have notified their intention to practise in your district, including those employed by the Nursing Association. They are Supervised by a Committee appointed by the County Council.

#### (d)—CLINICS AND TREATMENT CENTRES.

These are undertaken by the County Council.

#### (e)—HOSPITALS.

Hospital		Situation	Purpose	No. of Beds	Medical Staff	Manage- ment
Isolation Hospital	—	Steppingley	Infectious Diseases	24	1	L.A.
Tuberculosis Sanatorium	—	Mogerhanger	Tuberculosis	84	1	C.C.
Beds. County Hospital	—	Bedford	General Medical & Surgical, Maternity and Children	105		Voluntary
S. Peter's Hospital	—	Bedford	General Medical & Surgical, Maternity and Children	104	1	C.C.
Public Assistance Institution		Ampthill	Chronic Sick and Maternity	54	1	C.C.
Children's Home	—	Kempston	Children	45	1	C.C.

#### LEGISLATION IN FORCE.

##### ADOPTIVE ACTS.

Public Health Act 1890. Part III. Sec. 16, 17, 18, 19, 21, 23, 25, 26 (2), 28, 32, 33, 48 & 49.

Public Health Acts Amendment Act 1907.

Part II, Sec. 15, 16, 17 (Aspley Guise, Aspley Heath, Flitwick and Maulden).

Sec. 20, 29, 33 (Whole District).

Part III, Sec. 34, 35, 36, 37, 38, 43, 44, 45, 46

Part IV, Sec. 52, 53, 54, 55, 56, 57, 59, 60, 61, 62, 63, 64, 65, 66, 67 } Whole District.

##### BYELAWS AND REGULATIONS.

New Streets and Buildings. Slaughter Houses. Drainage of Existing Buildings.

Water Regulations and Charges.

## Section C.

## SANITARY CIRCUMSTANCES OF THE AREA.—WATER.

The majority of the District is now supplied with water from the public mains. Bacteriological examination is made every three months from three sources in the District.

I am giving a list of parishes supplied, their source of supply, and the last three Analyses. The following parishes have a piped supply :—

<i>Parishes</i>				<i>Source of Supply</i>
Aspley Guise	—	—	—	Birchmoor
Aspley Heath	—	—	—	Birchmoor
Clophill	—	—	—	Amphill U.D.C.
Cranfield	—	—	—	Birchmoor
Eversholt	—	—	—	Birchmoor
Flitton	—	—	—	Birchmoor
Flitwick	—	—	—	Birchmoor
Gravenhurst	—	—	—	Birchmoor
Harlington	—	—	—	Birchmoor
Haynes	—	—	—	Amphill U.D.C.
Hulcote and Salford	—	—	—	Birchmoor
Houghton Conquest	—	—	—	Birchmoor
Husborne Crawley	—	—	—	Duke of Bedford's own supply
Lidlington	—	—	—	Birchmoor and Springs at Lidlington
Marston Moretaine	—	—	—	Birchmoor
Maulden	—	—	—	Amphill U.D.C.
Millbrook	—	—	—	Birchmoor
Milton Bryan	—	—	—	Birchmoor
Pulloxhill	—	—	—	Birchmoor
Ridgmont	—	—	—	Duke of Bedford's own supply
Shillington	—	—	—	Birchmoor
Silsoe	—	—	—	Birchmoor
Steppingley	—	—	—	Birchmoor
Tingrith	—	—	—	Birchmoor
Westoning	—	—	—	Birchmoor
Woburn	—	—	—	Birchmoor

Drs. BEALE and SUCKLING.

THE COUNTIES PUBLIC HEALTH LABORATORIES,  
91, QUEEN VICTORIA STREET, LONDON, E.C.4.

Report on the Bacteriological Examination of a sample of water.

Labelled : Marston—Tap over sink, 151, Bedford Road, Marston.

Number of Colonies per cubic centimetre or millilitre

of water growing upon Agar at 37° C. : in 1 day .. 0

ditto .. in 2 days .. 1

ditto 20° C. in 3 days .. 14



Smallest quantity of water producing acid and gas in Bile-Salt Lactose Broth after 2 days incubation at 37° C.	
(Presumptive Bacillus Coli Test) .. .. .	Absent in 100 C.C.
Smallest quantity of water containing the Bacillus Coli ..	Absent in 100 C.C.
Smallest quantity of water giving the reaction of the B. Welchii (Bacillus Enteritidis Sporogenes) ..	Absent in 100 C.C.

This sample is reasonably clear and bright, containing only a few particles of mineral debris in suspension and is of a high degree of bacterial purity.

These results are very satisfactory, consistent with a pure and wholesome water, suitable for drinking and domestic purposes.

4. 9. 41. (Signed) E. V. SUCKLING.

Report on the Bacteriological Examination of a sample of water.

Labelled: Tap over sink, 14, Bedford Road, Clophill.

Number of Colonies per cubic centimetre or millilitre of water growing upon Agar at 37° C. : in 1 day ..	1
ditto. in 2 days ..	1
ditto. 20° C. in 3 days ..	8

Smallest quantity of water producing acid and gas in Bile-Salt Lactose Broth after 2 days incubation at 37° C.	
(Presumptive Bacillus Coli Test) .. .. .	Absent in 100 C.C.
Smallest quantity of water containing the Bacillus Coli ..	Absent in 100 C.C.
Smallest quantity of water giving the reaction of the B. Welchii (Bacillus Enteritidis Sporogenes) ..	Absent in 100 C.C.

This is a very satisfactory sample.

It is clear and bright in appearance and of a high degree of bacterial purity.

These results are consistent with a pure and wholesome water, suitable for drinking and domestic purposes.

4. 9. 41. (Signed) E. V. SUCKLING.

Report on the Bacteriological Examination of a sample of water.

Labelled: Flitwick, Tap over sink, 38, Maulden Road.

Number of Colonies per cubic centimetre or millilitre of water growing upon Agar at 37° C. : in 1 day ..	0
ditto in 2 days ..	1
ditto. 20° C. in 3 days ..	11

Smallest quantity of water producing acid and gas in Bile-Salt Lactose Broth after 2 days incubation at 37° C.	
(Presumptive Bacillus Coli Test) .. .. .	Absent in 100 C.C.
Smallest quantity of water containing the Bacillus Coli ..	Absent in 100 C.C.
Smallest quantity of water giving the reaction of the B. Welchii (Bacillus Enteritidis Sporogenes) ..	Absent in 100 C.C.

This is a very satisfactory sample.

It is clear and bright in appearance and of a high degree of bacterial purity.

The results are consistent with a pure and wholesome water, suitable for drinking and domestic purposes.

4. 9. 41. (Signed) E. V. SUCKLING.



## RAINFALL.

The station at which the rainfall is taken is Woburn. The diameter of the funnel of the rain guage is 8 inches. Height above the ground is 12 inches. Altitude is 291 feet above sea level. Latitude 52° 1' N. Longitude 0° 35' W.

## WOBURN.

		Greatest Rainfall in 24 hours.		No. of days with .01 in. or more	No. of days with .04 in. or more	At GREAT BARFORD.	
	Total	Inches	Date			Total in Inches.	*Wet Days
January	2.78	0.52	25	24	15	2.23	14
February	2.06	0.30	18	18	13	1.65	17
March	3.21	0.91	7	13	8	2.86	13
April	1.67	0.55	20	11	7	0.96	9
May	2.03	0.57	26	11	9	1.57	13
June	1.52	0.90	9	8	4	1.03	5
July	2.56	2.45	26	18	14	2.77	16
August	3.78	0.70	23	24	17	3.92	26
September	0.70	0.54	28	6	2	.55	5
October	1.67	0.79	9	14	8	2.03	11
November	2.32	0.73	11	17	14	1.71	12
December	1.22	0.44	6	10	9	.83	7
Total	25.52					22.11	

\*That is, days with .01 inches or more.

## RAINFALL IN PREVIOUS YEARS.

Year.	Woburn.	Great Barford.	England & Wales.
1932	26.51	22.92	36.2
1933	17.77	16.93	29.3
1934	19.58	18.57	33.69
1935	26.13	24.57	40.14
1936	27.74	27.08	38.5
1937	30.62	29.93	39.1
1938	20.84	19.70	35.6
1939	29.89	25.51	40.3
1940	27.60	21.35	35.6
1941	25.52	22.11	33.8

I wish to express my thanks to Dr. Mann, of the Woburn Experimental Farm, and also to Mr. Arnold Whitchurch, of Great Barford, for supplying me with the above rainfalls.

# Report of the Sanitary Inspector for the Year 1941.

## 3. (ii.) PUBLIC CLEANSING.

House refuse continues to be collected by direct labour from Woburn, Flitwick, Westoning, Harlington, Aspley Heath and Aspley Guise, but the service has been restricted from weekly to fortnightly visits. Quarterly visits to the remaining parishes are made to collect indestructible refuse. One motor refuse collecting vehicle is used. Paper, Metals, Rags, Bones and Rubber are salvaged.

Closet pails in Flitwick, Westoning and Harlington are emptied by Contract, a motor cesspool emptier being used.

## 3. (iii.) SANITARY INSPECTION OF THE AREA.

Summary of Sanitary and other defects reported on during the year:—

Premises with Defective and Insanitary Closets ..	17
"    "    "    "    "    Cesspools ..	6
"    "    "    "    "    Drains ..	72
"    "    "    "    "    Ashbins ..	8
"    "    "    Roofs, Chimneys and Spouting ..	17
"    "    "    Windows and Insufficient Light and Ventilation ..	3
"    "    "    Walls, Floors, etc. ..	5
"    "    "    Water Supply ..	18
Dirty Premises ..	4
Damp Premises ..	11
Overcrowded dwellings ..	1
Other Dilapidations ..	15
Unsound Meat and Food ..	22
Accumulations of Offensive Matter ..	39
Samples of Water taken for Analysis ..	4
Rooms Disinfected for Infectious Disease ..	96
"    "    "    Cancer ..	8
"    "    "    Tuberculosis ..	12
"    "    "    Scabies ..	6
Houses Disinfested for Bed-bugs and Lice ..	5
Number of Statutory Notices served ..	3
"    "    Informal ..	151
"    "    Defective Premises ..	210

## 3. (iv.) CAMPING SITES.

(1) Number of Sites used for Camping during 1941 ..	7
(2) "    "    "    Licenced under Section 269 Public Health Act, 1936 ..	4
(3) Estimated number of Campers resident in the area at one time during the Summer Season ..	20

**3. (viii.)****ERADICATION OF BED BUGS.**

1. a No Council Houses were found to be infested.
  - b (1) Two other houses were found to be infested and
  - (2) disinfested by the Council.
2. The houses and furniture are sprayed with "Zaldecide."
3. Inspection before removal.
4. Disinfestation is carried out by the Council when required.
5. Inspection, supervision and advice.

**Section D.****HOUSING.**

The tenancies of four Council Houses have changed during the year.

Four complaints regarding excessive rent were investigated. Reductions were obtained in two cases, and two allegations were considered unfounded.

29 claims in respect of damage by evacuees have been investigated and settled.

Permitted numbers in respect of 3 houses have been supplied to applicants.

**Section E.****INSPECTION AND SUPERVISION OF FOOD.****(a) MILK SUPPLY.**

There are now 174 persons on the register, comprising 94 wholesalers and 80 retailers, a nett increase of seven. Defects were noted and rectified at 28 premises. One Supplementary Licence to sell Pasteurised Milk has been issued.

**(b) MEAT AND OTHER FOODS.**

216 lbs. of beef, 27 lbs. bacon, 10 tins of meat, 9 tins of other foods, 347 eggs and four tins of milk have been condemned.

One Slaughterhouse licence has been renewed and 8 licences to Slaughter and Stun.

Defects were noted and rectified at one bakehouse.

THOS. A. HAWTIN.

*Sanitary Inspector.*

R. W. JOHNSON.

*Additional Sanitary Inspector.*

## THE SANITATION AND WATER SUPPLY OF ELEMENTARY SCHOOLS

SCHOOL	Church of England or Council	Average No. of Pupils	Average Attendance	Type of Closet	Boys	Girls	Infants	Disposal of Excreta	Drinking Water
Aspley Guise Old School	Council	48	45	w.c.	2	4		Sewer	Main
Aspley Guise . . . . .	Council	72	64	"	2	3	1	Sewer	Main
Aspley Heath . . . . .	Council	320	290	"	3	5	3	Sewer	Main
Clophill . . . . .	C. of E.	148	125	E.C.	4	5	2	Removed weekly	Main
Cranfield . . . . .	C. of E.	270	224	"	5	6	0	Buried twice weekly	Main
Eversholt . . . . .	Council	45	42	"	2	2	1	3 times weekly	Main
Flitwick (Mixed) . . . . .	Council	131	122	"	3	6	0	Removed twice weekly	Main
Flitwick (Junior) . . . . .	Council	74	62	"			4	Removed twice weekly	Main
Gravenhurst (Junior) . . . . .	Council	42	37	"	1	2	1	Pails emptied twice weekly	Main
Greenfield . . . . .	C. of E.	106	75	"	2	3	0	Removed twice weekly	Pump
Harlington . . . . .	Council	92	87	"	3	3	2	Sanitary cart once weekly	Main
Haynes . . . . .	Council	79	69	"	2	2	1	Drying Shed twice weekly	Main
Houghton Conquest . . . . .	Council	97	86	"	3	3	2	Drying Shed Removed weekly	Main
Husborne Crawley . . . . .	Council	27	25	"	2	2	0	Buried 3 times weekly	Main
Lidlington . . . . .	Council	103	86	"	2	4		Drying Shed removed weekly	Main
Marston Mortaine . . . . .	Council	130	104	"	2	2	0	Removed twice weekly	Main
Marston Shelton . . . . .	Council	82	76	"	2	3		Removed once weekly	Tap in yard
Maulden . . . . .	Council	183	162	"	3	3	3	Drying Shed twice weekly	Main
Millbrook . . . . .	Council	23	22	"	1	2	1	Buried twice weekly	Main
Milton Bryan . . . . .	C. of E.	30	28	"	2	1	1	Buried twice weekly	Main
Pulloxhill . . . . .	C. of E.	35	33	"	1	2		Removed daily	Nil
Ridgmont . . . . .	Council	147	120	"	2	3		Removed 3 times weekly	Main
Salford & Hulcote . . . . .	C. of E.	24	21	"	2	2		Removed weekly	Pump at School House
Shillington . . . . .	Council	191	160	"	1	2	1	Drying Shed twice weekly	Main
Silsoe . . . . .	C. of E.	82	80	"	2	2	1	Buried twice weekly	Main
Steppingley . . . . .	Council	38	35	"	2	2	1	Buried weekly	Main
Lower Stondon . . . . .	Council	97	82	"	2	2	2	Drying Shed 3 times weekly	Main
Tingrith . . . . .	C. of E.	23	21	"	1	2		Removed twice weekly	Main
Westoning . . . . .	Council	145	132	"	3	3	2	Removed twice weekly	Main
Woburn . . . . .	Council	50	45	w.c.	2	2	1	Sewer	Main

## SCHOOL CLOSURES.

The School at Marston Mortaine was closed for disinfecting after a case of Scarlet Fever for the afternoon of May 30th and also December 10th, 11th and 12th.

## Section F.

## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

The Steppingley Isolation Hospital receives cases of Scarlet Fever, Diphtheria, and Typhoid Fever from your district, and from the Urban District of Ampthill.

Number of patients on January 1st, 1940 . . . . . 10

From Ampthill Rural District—Scarlet Fever 1, Diphtheria 8, Erysipelas 1.

From Ampthill Urban District—None.

Admissions during the year . . . . . 111

From Ampthill Rural District—Scarlet Fever 61, Diphtheria 7, Erysipelas 3, other cases, 9.

From Ampthill Urban District—Scarlet Fever 20, Diphtheria 1.

Discharges during the year—

From Ampthill Rural District—Scarlet Fever 52, Diphtheria 13, Erysipelas 4, other cases 19.

From Ampthill Urban District—Scarlet Fever 21, Diphtheria 1.

Deaths—Ampthill Rural District—None.

Ampthill Urban District—None.

Number of patients on December 31st, 1940—

From Ampthill Rural District—Scarlet Fever 10, Diphtheria 2.

From Ampthill Urban District—None.

## NOTIFIABLE DISEASES.

*Scarlet Fever.*—Seventy-five cases were notified, seventy-three of whom were treated in the Isolation Hospital. Thirty-five of these cases occurred between the ages of 5 to 10. There were fifteen parishes affected, the greatest number (37) were in the parish of Marston.

*Diphtheria.*—Nine cases were notified, all removed to the Isolation Hospital. No deaths.

*Pneumonia.*—Twenty seven cases were notified, seven of them were admitted to hospital. There were eleven deaths.

*Erysipelas.*—Seven cases notified. Two were treated in hospital. No deaths.

*Ophthalmia Neonatorum.*—Four cases were notified, one was treated in Hospital.

*Puerperal Pyrexia.*—Two cases notified, both of them recovered. Two deaths of residents occurred outside the district but are included in this area in this report.

*Cerebro-Spinal Meningitis.*—Four cases have been notified and I am glad to report that there were no deaths.

*Measles.*—Two hundred and seventy cases were notified. These cases were distributed among nineteen parishes.

*Whooping Cough.*—Fifty-one cases were reported from nine parishes.

## ARTIFICIAL IMMUNISATION AGAINST DIPHTHERIA.

During the year under review I have been successful in getting 2,262 school children completely immunised out of a total number of 3,404 children on the School Roll. This gives a percentage of 66.4 of school children completely immunised at the end of 1941.

With regard to the children under school age, the County Medical Officer of Health has arranged to carry out the immunisations at the various child Welfare Centres; he informs me that at the end of 1941 he has immunised 36 children under school age out of an estimated number of 1,400.

### NON-NOTIFIABLE DISEASES.

An epidemic of *Chicken Pox* occurred in each of the following parishes : Westoning, Steppingley, Haynes, Ridgmont, Aspley Heath, Woburn, Flitwick, Lower Standon and Tingrith, and cases of Mumps were reported from Shillington, Steppingley, Marston Shelton, Greenfield, Maulden, Silsoe and Millbrook.

## CANCER.

Fifty-two deaths from Cancer were registered, twenty-four males and twenty-eight females. They are tabulated as follows:—

*Males*—

3 cases of the Buccal Cavity and Oesophagus. Ages 38, 86, 78.

5 cases of the Stomach and Duodenum. Ages 58, 64, 74, 63, 57.

1 case of Breast. Age 38.

15 other cases. Ages 75, 58, 66, 69, 75, 54, 84, 58, 63, 38, 57, 78, 76, 72, 69.

*Females—*

4 cases of Uterus. Ages 65, 67, 65, 75.

2 cases of Stomach and Duodenum. Ages 80, 72.

9 cases of Breast. Ages 58, 43, 78, 55, 73, 73, 43, 36, 67.

13 other cases. Ages 72, 51, 72, 57, 81, 50, 57, 67, 78, 56, 61, 49, 54.

## NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS).

VILLAGES.			Scarlet Fever	Puerperal Pyrexia	Diphtheria	Pneumonia	Cerebro-Spinal Meningitis	Erysipelas	Ophthalmia Neonatorum	Whooping Cough	Polio- Encephalitis	Measles
Eversholt	-	-	1	..	..	5	..	..	..	3	..	19
Maulden	-	-	3	..	2	..	..	1	..	..	..	9
Woburn	-	-	..	..	1	3	..	..	..	16	..	17
Shillington	-	-	3	..	..	2	..	1	..	2	..	6
Silsoe	-	-	2	..	..	1	..	1	..	..	1	2
Cranfield	-	-	1	..	..	8	2	..	1	5	..	29
Tingrith	-	-	..	1	..	1	..	..	..	..	..	..
Clophill	-	-	1	..	..	..	..	..	..	2	..	29
Ridgmont	-	-	8	..	1	1	..	..	..	2	..	9
Haynes	-	-	6	..	1	..	..	..	..	2	..	9
Millbrook	-	-	..	..	2	..	..	..	..	..	..	4
Houghton	Conquest	-	1	..	..	..	..	..	..	1	..	1
Marston	-	-	37	..	..	1	1	..	..	..	..	104
Wootton	-	-	..	..	..	..	..	..	..	..	..	3
Aspley Guise	-	-	1	..	..	1	..	..	..	4	..	6
Pulloxhill	-	-	..	..	..	3	..	..	..	..	..	..
Lidlington	-	-	1	..	..	..	..	..	..	..	..	1
Flitwick	-	-	7	..	..	..	..	3	..	13	..	3
Gravenhurst	-	-	..	..	..	..	..	1	..	..	..	..
Harlington	-	-	1	..	..	1	..	..	..	..	..	..
Westoning	-	-	..	..	..	..	1	..	..	..	..	10
Steppingley	-	-	..	..	..	..	..	..	..	..	..	3
Battlesden	-	-	..	1	1	..	..	..	3	..	..	..
Flitton	-	-	2	..	..	..	..	..	..	..	..	..
Aspley Heath	-	-	..	..	1	..	..	..	..	..	..	6
Greenfield	-	-	..	..	..	..	..	..	..	1	..	..



### TUBERCULOSIS—NEW CASES & MORTALITY.

[illegible]



## TUBERCULOSIS—NEW CASES &amp; MORTALITY.

Villages.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
Shillington .. ..	M.	F.	M.	F.	M.	F.	M.	F.
	1	2	1	..	1	..	..	1
Maulden .. ..	..	1	..	..	..	2	..	..
Gravenhurst .. ..	..	..	1	1	1	..	..	..
Haynes .. ..	1	..	..	..	..	..	..	..
Cranfield .. ..	..	..	..	1	..	..	..	..
Harlington .. ..	..	1	..	..	..	..	..	..
Lower Stondon .. ..	1	..	..	..	..	..	..	..
Flitwick .. ..	..	..	1	1	..	2	..	2
Silsoe .. ..	..	..	..	..	1	..	..	..
Houghton Conquest .. ..	..	..	..	..	1	..	..	..
Flitton .. ..	..	..	..	..	..	1	1	..
Aspley Guise .. ..	1	..	..	..	..	..	..	..

PREVENTION OF BLINDNESS.—Public Health Act, 1936, Sec. 176. This is undertaken by the County Council.

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925, and Section 172 of the Public Health Act, 1936.

No necessity for action under these regulations arose during the year under review.

All tuberculosis cases have been notified, therefore the ratio of non-notified tuberculosis deaths to total tuberculosis deaths is Nil.

In conclusion, I wish to take this opportunity of thanking your Clerk, Mr. H. ROBINSON, and your Sanitary Inspector, Mr. T. A. HAWTIN, for their valuable help in assisting me to carry out my duties.

I have the honour to be, Gentlemen,

Your obedient Servant,

W. K. PARBURY,

M.R.C.S. Eng., L.R.C.P. Ldn.

D.P.H. Camb., D.M.R.E. Camb.

June, 1942.